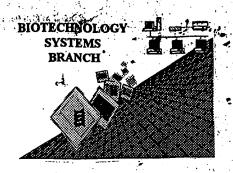
## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/673,274	
Source:	Perlog	,
Date Processed by STIC:	8/1/2001	

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

## **Checker Version 3.0**

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address: http://www.uspto.gov/web/offices/pac/checker

## Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION SERIAL NUMBER: 09/673,274	
ATTN: NEW RULES CASE	S: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWAI	₹E
lWrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5Variable Length .	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6PatentIn 2.0 "bug"	A "bug" in Patentln version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) Normally, Patentln would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:  (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8Skipped Sequences' (NEW RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing.  Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10Invalid <213>Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
. 1	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.  Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
bug	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	

AMC/MH - Biotechnology Systems Branch - 08/21/2001

PCT09

```
delete xtra
                      RAW SEQUENCE LISTING
                                                                DATE: 08/01/2001
 2/107/s-only
                      PATENT APPLICATION: US/09/673,274
                                                               TIME: 19:08:03
                  Input Set : A:\98015seq.txt
     Input Set: A:\98015seq.txt

Should be Shown Output Set: N:\CRF3\08012001\1673274.raw
                                                                             Does Not Comply
      3 <110> APPLICANT: LAMBERTY, MIREILLE
                                                                         Corrected Diskette Needed
      4 <110> APPLICANT: BULET, PHILIPPE
                                                                                    pp 1-8
W-->y5 <del><110></del> Applicant: brookhart, gary
W--> 6 (110) APPLICANT: HOFFMAN, JULES
      8 <120> TITLE OF INVENTION: GENE CODING FOR HELIOMICINE, AND USE THEREOF
     10 <130> FILE REFERENCE: A33595 PCT USA
     12 <140> CURRENT APPLICATION NUMBER: US 09/673,274
€ 13 <141> CURRENT FILING DATE: 1999-07-12
     15 <150> PRIOR APPLICATION NUMBER: PCT/FR99/00843
     16 <151> PRIOR FILING DATE: 1999-04-12
     18 <150> PRIOR APPLICATION NUMBER: FR 98 04933
     19 <151> PRIOR FILING DATE: 1998-04-15
     21 <160> NUMBER OF SEQ ID NOS: 38
     23 <170> SOFTWARE: PatentIn Ver. 2.1
ERRORED SEQUENCES
     26 <211> LENGTH: 147 ONA global errore
27 <212> TYPE ADN ONA
28 <213> ORGANISM: Synthetic construct see Lim 10 on Error Junnary Sheet
30 <220> FEATURE:
E--> 27 <212> TYPE (ADN) ON A
     30 <220> FEATURE:
     31 <221> NAME/KEY: CDS
     32 <222> LOCATION: (1)..(147)
     34 <400> SEQUENCE: 1
     35 ago ttg gat aaa aga gao aag ttg att ggo ago tgt gtt tgg ggo goo
                                                                              48
     36 Ser Leu Asp Lys Arg Asp Lys Leu Ile Gly Ser Cys Val Trp Gly Ala
                                               10
     39 gtc aac tac act agt gac tgc aac ggc gag tgc aag cgc cgc ggt tac
     40 Val Asn Tyr Thr Ser Asp Cys Asn Gly Glu Cys Lys Arg Arg Gly Tyr
     41
                      20
     43 aag ggt ggc cat tgt gga toc tto gct aac gtt aac tgt tgg tgt gaa
                                                                              144
     44 Lys Gly Gly His Cys Gly Ser Phe Ala Asn Val Asn Cys Trp Cys Glu
     45
                                       40
     47 acc
                                                                              147
     48 Thr
     51 <210> SEQ ID NO: 2
     52 <211> LENGTH: 169
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     54 <213> ORGANISM synthetic construct
     56 <220> FEATURE:
     57 <221> NAME/KEY: CDS
     58 <222> LOCATION: (1)..(132)
     60 <400> SEQUENCE: 2
     61 gat aag ett ate ggt tee tge gtg tgg ggt get gtg aac tae act tee
                                                                              48
     62 Asp Lys Leu Ile Gly Ser Cys Val Trp Gly Ala Val Asn Tyr Thr Ser
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63
                                             10
     65 gat tgc aac ggt gag tgc aag agg agg ggt tac aag ggt ggt cac tgc
     66 Asp Cys Asn Gly Glu Cys Lys Arg Arg Gly Tyr Lys Gly Gly His Cys
                                         25
     69 ggt tcc ttc gct aac gtg aac tgc tgg tgc gag act tgagagctcg
                                                                           142
     70 Gly Ser Phe Ala Asn Val Asn Cys Trp Cys Glu Thr
    71
                 35
    73 gcgaggcgaa cgtgtcgacg gatccgg
                                                                           169
     76 <210> SEQ ID NO: 3
    77 <211> LENGTH: 261
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     79 <213> ORGANISM; synthetic construct
     81 <220> FEATURE:
    82 <221> NAME/KEY: CDS
    83 <222> LOCATION: (3)..(224)
     85 <400> SEQUENCE: 3
     86 cc atg ggt ttc gtg ctt ttc tct cag ctt cca tct ttc ctt ctt gtg
                                                                           47
    87
          Met Gly Phe Val Leu Phe Ser Gln Leu Pro Ser Phe Leu Leu Val
    90 tet act ett ett tte ett gtg ate tet eac tet tge egt gee gat
                                                                           95
    91 Ser Thr Leu Leu Phe Leu Val Ile Ser His Ser Cys Arg Ala Asp
                         20
    94 aag ett ate ggt tee tge gtg tgg ggt get gtg aac tae act tee gat
    95 Lys Leu Ile Gly Ser Cys Val Trp Gly Ala Val Asn Tyr Thr Ser Asp
                                         40
    98 tgc aac ggt gag tgc aag agg agg ggt tac aag ggt ggt cac tgc ggt
                                                                           191
     99 Cys Asn Gly Glu Cys Lys Arg Arg Gly Tyr Lys Gly Gly His Cys Gly
                                      55
     102 too tto got aac gtg aac tgo tgg tgo gag act tgagagotog gogaggogaa 244
    103 Ser Phe Ala Asn Val Asn Cys Trp Cys Glu Thr
    104
              65
                                  70
    106 cgtgtcgacg gatccgg
                                                                            261
    109 <210> SEQ ID NO: 4
    110 <211> LENGTH: 120
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    112 <213> ORGANISM: (synthetic construct
    114 <220> FEATURE:
    115 <221> NAME/KEY: CDS
    116 <222> LOCATION: (12)..(101)
    118 <400> SEQUENCE: 4
    119 gegtegacge g atg ggt tte gtg ett tte tet eag ett eea tet tte ett
    120
                     Met Gly Phe Val Leu Phe Ser Gln Leu Pro Ser Phe Leu
    121
    123 ctt gtg tct act ctt ctt ttc ctt gtg atc tct cac tct tgc cgt
                                                                            98
    124 Leu Val Ser Thr Leu Leu Leu Phe Leu Val Ile Ser His Ser Cys Arg
    125
              15
                                  20
                                                                            120
    127 gct ggagacgcga attcacaca
    128 Ala
    129 30
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RAW SEQUENCE LISTING PATENT APPLICATION: US/09/673,274 DATE: 08/01/2001 TIME: 19:08:03 Input Set : A:\98015seq.txt Output Set: N:\CRF3\08012001\1673274.raw 280 <220> FEATURE: 281 <221> NAME/KEY: CDS 282 <222> LOCATION: (7)..(204) 284 <400> SEQUENCE: 18 285 totaga atg goo tgo acc aac aac goo atg agg goo oto tto oto oto 286 Met Ala Cys Thr Asn Asn Ala Met Arg Ala Leu Phe Leu Leu 287 289 ctg ctc ttc tgc atc gtg cac ggc gat aag ctt atc ggt tcc tgc gtg 290 Leu Leu Phe Cys Ile Val His Gly Asp Lys Leu Ile Gly Ser Cys Val 96 293 tgg ggt gct gtg aac tac act tcc gat tgc aac ggt gag tgc aag agg 294 Trp Gly Ala Val Asn Tyr Thr Ser Asp Cys Asn Gly Glu Cys Lys Arg 144 297 agg ggt tac aag ggt ggt cac tgc ggt tcc ttc gct aac gtg aac tgc 298 Arg Gly Tyr Lys Gly Gly His Cys Gly Ser Phe Ala Asn Val Asn Cys 192 301 tgg tgc gag act tgactcgag 302 Trp Cys Glu Thr 213 303 306 <210> SEQ ID NO: 19 307 <211> LENGTH: 838 E--> 308 <212> TYPE: ADN 309 <213> ORGANISM: synthetic construct 311 <220> FEATURE: 312 <221> NAME/KEY: promoter 313 <222> LOCATION: (7)..(532) 315 <220> FEATURE: 316 <221> NAME/KEY: misc\_structure 317 <222> LOCATION: (533)..(568) 319 <220> FEATURE: 320 <221> NAME/KEY: terminator 321 <222> LOCATION: (569)..(832)

324 aagetteeag aaggtaatta teeaagatgt ageateaaga ateeaatgtt taegggaaaa 60 326 actatggaag tattatgtga gctcagcaag aagcagatca atatgcggca catatgcaac 120 328 ctatgttcaa aaatgaagaa tgtacagata caagatccta tactgccaga atacgaagaa 180 330 gaatacgtag aaattgaaaa agaagaacca ggcgaagaaa agaatcttga agacgtaagc 240 332 actgacgaca acaatgaaaa gaagaagata aggtcggtga ttgtgaaaga gacatagagg 300 334 acacatgtaa ggtggaaaat gtaagggcgg aaagtaacct tatcacaaag gaatcttatc 360 336 ccccactact tatcctttta tatttttccg tgtcattttt gcccttgagt tttcctatat 420 338 aaggaaccaa gttcggcatt tgtgaaaaca agaaaaaatt tggtgtaagc tattttcttt 480 340 gaagtactga ggatacaact tcagagaaat ttgtaagttt gtagatctcg attctagaag 540 342 gcctgaattc gagctcggta ccggatccaa ttcccgatcg ttcaaacatt tggcaataaa 600 344 gtttcttaag attgaatcct gttgccggtc ttgcgatgat tatcatataa tttctgttga 660 346 attacgttaa gcatgtaata attaacatgt aatgcatgac gttatttatg agatgggttt 720 348 ttatgattag agtcccgcaa ttatacattt aatacgcgat agaaaacaaa atatagcgcg 780 350 caaactagga taaattatcg cgcgcggtgt catctatgtt actagatcgg ggatcgat

353 <210> SEQ ID NO: 20 354 <211> LENGTH: 1036

323 <400> SEQUENCE: 19

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Input Set : A:\98015seq.txt

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       133 <211> LENGTH: 75
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       135 <213> ORGANISM: synthetic construct
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       138 gcgtcgacgc gatgggtttc gtgcttttct ctcagcttcc atctttcctt cttgtgtcta 60
       140 ctcttcttct tttcc
       143 <210> SEQ ID NO: 6
       144 <211> LENGTH: 72
  E--> 145 <212> TYPE (ADN)
      146 <213> ORGANISM: Synthetic construct
      148 <400> SEQUENCE: 6
      149 tcgccggcac ggcaagagta agagatcaca aggaaaagaa gaagagtaga cacaagaagg 60
      151 aaagatggaa gc
      154 <210> SEQ ID NO: 7
      155 <211> LENGTH: 8Q
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      157 <213> ORGANISM: synthetic construct
      159 <400> SEQUENCE: 7
      160 gataagetta teggtteetg egtgtggggt getgtgaact acaetteega ttgcaacggt 60
      162 gagtgcaaga ggaggggtta
      165 <210> SEQ ID NO: 8
      166 <211> LENGTH: 109
 E--> 167 <212> TYPE ( ADN )
      168 <213> ORGANISM: synthetic construct
      170 <400> SEQUENCE: 8
      171 ccggatccgt cgacacgttc gcctcgccga gctctcaagt ctcgcaccag cagttcacgt 60
     173 tagegaagga accgcagtga ccaccettgt aaccectect ettgcacte
     176 <210> SEQ ID NO: 9
     177 <211> LENGTH: 85
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     179 <213> ORGANISM: (synthetic construct)
     181 <400> SEQUENCE: 9
     182 agggccccct agggtttaaa cggccagtca ggccgaattc gagctcggta cccggggatc 60
     184 ctctagagtc gacctgcagg catgc
     187 <210> SEQ ID NO: 10
     188 <211> LENGTH: 66
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     190 <213> ORGANISM: synthetic construct
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     198 <210> SEQ ID NO: 11
     199 <211> LENGTH: 93
E--> 200 <212> TYPE:(ADN
     201 <213> ORGANISM: Synthetic construct
     203 <400> SEQUENCE: 11
    204 ccggccagtc aggccacact taattaagtt taaacgcggc cccggcgcgc ctaggtgtgt 60
    206 gctcgagggc ccaacctcag tacctggttc agg
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     210 <211> LENGTH: 93
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     215 ccggcctgaa ccaggtactg aggttgggcc ctcgagcaca cacctaggcg cgccggggcc 60
     217 gcgtttaaac ttaattaagt gtggcctgac tgg
     220 <210> SEQ ID NO: 13
     221 <211> LENGTH: 50
E--> 222 <212> TYPE (ADN)
     223 <213> ORGANISM: synthetic construct
     225 <400> SEQUENCE: 13
     226 ggtctagaat ggcctgcacc aacaacgcca tgagggccct cttcctcctc
                                                                             50
     229 <210> SEQ ID NO: 14
     230 <211> LENGTH: 50
E--> 231 <212> TYPE ( ADN )
     232 <213> ORGANISM: (synthetic construct
     234 <400> SEQUENCE: 14
     235 ccgaattcgg cgccgtgcac gatgcagaag agcacgagga ggaagagggc
                                                                             50
     238 <210> SEQ ID NO: 15
     239 <211> LENGTH: 81
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     241 <213> ORGANISM: synthetic construct
     243 <220> FEATURE:
     244 <221> NAME/KEY: CDS
     245 <222> LOCATION: (7)..(72)
     247 <400> SEQUENCE: 15
     248 totaga atg gcc tgc acc aac acc gcc atg agg gcc ctc ttc ctc ctc
                                                                             48
     249
                Met Ala Cys Thr Asn Asn Ala Met Arg Ala Leu Phe Leu Leu
     250
     252 ctg ctc ttc tgc atc gtg cac ggc gccgaattc
                                                                             81
     253 Leu Leu Phe Cys Ile Val His Gly
     254 15
     257 <210> SEQ ID NO: 16
     258 <211> LENGTH: 24
E--> 259 <212> TYPE: ADN)
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     262 <400> SEQUENCE: 16
     263 gataagctta teggtteetg egtg
                                                                             24
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     267 <211> LENGTH: 32
E--> 268 <212> TYPE:(ADN)
     269 <213> ORGANISM( synthetic construct
    271 <400> SEQUENCE: 17
    272 ggctcgagtc aagtctcgca ccagcagttc ac
                                                                             32
    275 <210> SEQ ID NO: 18
     276 <211> LENGTH: 21
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Input Set : A:\98015seq.txt

Output Set: N:\CRF3\08012001\1673274.raw

E--> 355 <212> TYPE ( ADN/ 356 <213> ORGANISM: synthetic construct 358 <220> FEATURE: 359 <221> NAME/KEY: promoter 360 <222> LOCATION: (7)..(532) 362 <220> FEATURE: 363 <221> NAME/KEY: CDS 364 <222> LOCATION: (539)..(736) 366 <220> FEATURE: 367 <221> NAME/KEY: terminator 368 <222> LOCATION: (767)..(1030) 370 <400> SEQUENCE: 20 371 aagetteeag aaggtaatta teeaagatgt ageateaaga ateeaatgtt taegggaaaa 60 373 actatggaag tattatgtga gctcagcaag aagcagatca atatgcggca catatgcaac 120 375 ctatgttcaa aaatgaagaa tgtacagata caagatccta tactgccaga atacgaagaa 180 377 gaatacgtag aaattgaaaa agaagaacca ggcgaagaaa agaatcttga agacgtaagc 240 379 actgacgaca acaatgaaaa gaagaagata aggtcggtga ttgtgaaaga gacatagagg 300 381 acacatgtaa ggtggaaaat gtaagggcgg aaagtaacct tatcacaaag gaatcttatc 360 383 ccccactact tatcctttta tatttttccg tgtcattttt gcccttgagt tttcctatat 420 385 aaggaaccaa gttcggcatt tgtgaaaaca agaaaaaatt tggtgtaagc tattttcttt 480 387 gaagtactga ggatacaact tcagagaaat ttgtaagttt gtagatctcg attctaga 389 atg gec tgc acc aac acc gec atg agg gec etc tte etc etc gtg etc 586 390 Met Ala Cys Thr Asn Asn Ala Met Arg Ala Leu Phe Leu Leu Val Leu 391 1 10 393 ttc tgc atc gtg cac ggc gat aag ctt atc ggt tcc tgc gtg tgg ggt 634 394 Phe Cys Ile Val His Gly Asp Lys Leu Ile Gly Ser Cys Val Trp Gly 20 397 gct gtg aac tac act tcc gat tgc aac ggt gag tgc aag agg agg ggt 398 Ala Val Asn Tyr Thr Ser Asp Cys Asn Gly Glu Cys Lys Arg Arg Gly 399 35 40 401 tac aag ggt ggt cac tgc ggt tcc ttc gct aac gtg aac tgc tgg tgc 402 Tyr Lys Gly Gly His Cys Gly Ser Phe Ala Asn Val Asn Cys Trp Cys 55 405 gag act tgactcgagg gggggcccgg taccggatcc aattcccgat cgttcaaaca 786 406 Glu Thr 407 65 409 tttggcaata aagtttctta agattgaatc ctgttgccgg tcttgcgatg attatcatat 846 411 aatttetgtt gaattaegtt aageatgtaa taattaaeat gtaatgeatg aegttattta 906 413 tgagatgggt ttttatgatt agagtcccgc aattatacat ttaatacgcg atagaaaaca 966 415 aaatatagcg cgcaaactag gataaattat cgcgcgcggt gtcatctatg ttactagatc 1026 417 ggggatcgat 420 <210> SEQ ID NO: 21 421 <211> LENGTH: 52 E--> 422 <212> TYPE: ADN 423 <213> ORGANISM synthetic construct 425 <400> SEQUENCE: 21 426 agcttggata aaagagacaa gttgattggc agctgtgttt ggggcgccgt ca 52 429 <210> SEQ ID NO: 22 430 <211> LENGTH: 56

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E>	431	. <212> TYPE (ADN)	
		<213> ORGANISM: synthetic construct	
	434	<400> SEQUENCE: 22	
		agtgtagttg acggccccc aaacacagct gccaatcaac ttgtctcttt tatcca	
	438	4 <210> SEQ ID NO: 23	56
		<211> LENGTH: 52	
E>		<212> TYPE: (ADN)	
		<213> ORGANISM: (synthetic construct)	
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		actacactag tgactgcaac ggcgagtgca agcgccgcgg ttacaagggt gg	52
	447	<210> SEQ ID NO: 24	52
		<211> LENGTH: 52	
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		<213> ORGANISM: synthetic construct	
	452	<400> SEQUENCE: 24	
		cacaatggcc accettgtaa cegeggeget tgcactegee gttgcagtca et	52
	456	<210> SEQ ID NO: 25	32
		<211> LENGTH: 56	
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	459	<213> ORGANISM: synthetic construct	
	461	<400> SEQUENCE: 25	
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	465	<210> SEQ ID NO: 26	50
	466	<211> LENGTH: 52	
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	468	<213> ORGANISM: synthetic construct	
	470	<400> SEQUENCE: 26	
	471	gatetgtega ectateaggt tteacaceaa eagttaaegt tagegaagga te	52
	474	<210> SEQ ID NO: 27	
		<211> LENGTH: 42	
E>		<212> TYPE: ADN	
	477	<213> ORGANISM: (synthetic construct)	
		<400> SEQUENCE: 27	
	480	gatcettege taaegttaae tgttggtgta gaacetgata gg	42
		<210> SEQ ID NO: 28	
		<211> LENGTH: 42	
E>		(212) TYPE: ADN	
	486	<213> ORGANISM, synthetic construct	
		<400> SEQUENCE: 28	
	489	togacctate aggttetaca ccaacagtta acgttagega ag	42
		<210> SEQ ID NO: 29	
<b>-</b> .		<211> LENGTH: 32	
E>		<212> TYPE: ADN	
	493	<213> ORGANISM synthetic construct	
		<400> SEQUENCE: 29	
	4 7 0 5 0 1	ctagtgactg caacggcgag tgcttgttgc gc	32
		<210> SEQ ID NO: 30	
F>		<211> LENGTH: 26 <212> TYPE: ADN	
n>	503	Valar ling: AUN	

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Input Set : A:\98015seq.txt

	E04 4010		
	504 <213	ORGANISM: synthetic construct,	
		> SEQUENCE: 30	
	510 /210	caagca ctcgccgttg cagtca > SEQ ID NO: 31	26
		> SEQ 1D NO: 31 > LENGTH: 32	
E		TYPE: (ADN)	
		ORGANISM: (synthetic construct)	
	515 <400	SEQUENCE: 31	
		tgactg cgctgctgag tgcaagcggc gc	
	519 <210	SEQ ID NO: 32	32
	520 <211	> LENGTH: 26	
E>		TYPE ADN	
- '		ORGANISM: synthetic construct	
	524 <400>	SEQUENCE: 32	
		ettgca ctcagcagcg cagtca	
	528 <210>	SEQ ID NO: 33	26
		LENGTH: 40	
E>		TYPE: (ADN)	
		ORGANISM: (synthetic construct)	
	533 <400>	SEQUENCE: 33	
		ggata aaagagctgc tgctgctggt agctgtgttt	4.0
	537 <210>	SEQ ID NO: 34	40
		LENGTH: 18	
E>	539 <212>	TYPE: (ADN)	
		ORGANISM: (synthetic construct)	
	542 <400>	SEQUENCE: 34	
		gccgt caactaca	18
		SEQ ID NO: 35	10
		LENGTH: 22	
E>		TYPE: (ADN)	
		ORGANISM: (synthetic construct)	
	551 <400>	SEQUENCE: 35	
	552 ctagt	gtagt tgacggcgcc cc	22
	555 <210>	SEQ ID NO: 36	22
	556 <211>	LENGTH: 36	
E>	557 <212>	TYPE: (ADN)	
	558 <213>	ORGANISM synthetic construct)	
	560 <400>	SEQUENCE: 36	
	561 aaaca	caget accageagea geagetettt tateea	36
	564 <210>	SEQ ID NO: 37	30
	565 <211>	LENGTH: 32	
E>		TYPE: ADN	
	567 <213>	ORGANISM synthetic construct	
		SEQUENCE: 37	
	570 ctagte	gactg cgctgctgag tgcttgttgc gc	32
	573 <210>	SEQ ID NO: 38	
	574 <211>	LENGTH: 26	
E>		TYPE: ADN	
	576 <213>	ORGANISM: synthetic construct	

PATENT APPLICATION: US/09/673,274

DATE: 08/01/2001 TIME: 19:08:03

Input Set : A:\98015seq.txt

Output Set: N:\CRF3\08012001\1673274.raw

578 <400> SEQUENCE: 38

579 gcaacaagca ctcagcagcg cagtca

26

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/673,274

DATE: 08/01/2001 TIME: 19:08:04

Input Set : A:\98015seq.txt

Output Set: N:\CRF3\08012001\1673274.raw

L:4 M:280 W: Numeric Identifier already exists, <110> found multiple times L:5 M:280 W: Numeric Identifier already exists, <110> found multiple times L:6 M:280 W: Numeric Identifier already exists, <110> found multiple times L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:27 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:53 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:78 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:111 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:134 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:145 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:156 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:167 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:178 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:189 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:200 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:211 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:222 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:231 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:240 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:259 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:268 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:277 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:308 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:355 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:422 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:431 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:440 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:449 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:458 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:467 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:476 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:485 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:494 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:503 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:512 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:521 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:530 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:539 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:548 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:557 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:566 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: L:575 M:310 E: (3) Wrong or Missing Sequence Type, TYPE: